CLAIMS

5

What is claimed is:

A method of making a laminate compliant with ASTM F1670-95 comprising:

treating a nonwoven web with a surfactant;

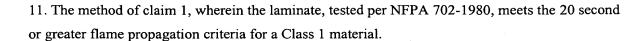
heating a multilayer film having at least one layer comprising a micropore developing filler;

stretching the multilayer film to a percentage of its unstretched state during the heating step; and

thermally bonding the multilayer film to the surfactant treated nonwoven web.

- 2. The method of claim 1 further comprising retracting the multilayer film a lesser percentage prior to bonding the film to the nonwoven web.
 - 3. The method of claim 1 wherein at least one layer of the multilayer film comprises about 30% to about 75% by weight polyolefin resin and from about 70% to about 25% by weight of filler having an average size less than about 10 microns.
- 4. The method of claim 1 further comprising a CATALLOY polymer for at least one layer of the multilayer film.
 - 5. The method of claim 1 further comprising bonding a second nonwoven web to the laminate such that the multilayer film is disposed between the two nonwoven webs.
- 6. The method of claim 1 wherein the multilayer film is maintained at temperatures between about 20 degrees F and about 220 degrees F while the film is stretched.
 - 7. The method of claim 2 wherein the multilayer film is maintained at temperatures between about 160 degrees F and about 220 degrees F while the film is retracted.
 - 8. The method of claim 1 wherein the multilayer film is stretched at least about 200 percent of its original length.
- 9. The method of claim 1 wherein the multilayer film is stretched between about 250 to about 500 percent of its original length.
 - 10. The method of claim 1 wherein the multilayer film is stretched at least about 300 percent of its original length.

10



- 12. A method of making a laminate compliant with ASTM F1670-95 comprising:
 - treating at least one surface of a nonwoven web with a surfactant;
- forming an outer layer from the treated nonwoven web;
 - heating a multilayer film having at least one layer comprising a micropore developing filler and at least one skin layer;
 - stretching the multilayer film to at least 200 percent of its unstretched state while applying heat to the film;
 - juxtaposing the multilayer film onto the treated nonwoven web so that the skin layer contacts the surfactant treated surface; and thermally bonding the film to the surfactant treated surface.
 - 13. The method of claim 12 further comprising retracting the multilayer film a lesser percentage prior to bonding the film to the nonwoven web.
- 15 14. The method of claim 12 further comprising retracting the multilayer film about 20 percent of its final stretched state.
 - 15. The method of claim 12, wherein the laminate, tested per NFPA 702-1980, meets the 20 second or greater flame propagation criteria for a Class 1 material.
 - 16. The method of claim 12, wherein the surfactant is coated onto the surface of the nonwoven web.
- 20 17. The method of claim 12, wherein film is maintained at temperatures between about 160 degrees F and about 220 degrees F while the film is stretched.
 - 18. The method of claim 13 wherein the film is maintained at temperatures between about 160 degrees F and about 220 degrees F while the film is retracted.
 - 19. The method of claim 12, for the manufacture of a surgical drape.
- 25 20. The method of claim 12 wherein a water vapor transmission test (WVTR), as measured by test method ASTM Standard E96-80 yields a value of greater than about 300 g/m2 /day.